(43) International Publication Date 20 January 2005 (20.01.2005)

PCT

(10) International Publication Number WO 2005/006385 A2

(51) International Patent Classification7:

H01J 37/317

(21) International Application Number:

PCT/EP2004/005288

(22) International Filing Date: 17 May 2004 (17.05.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 03016005.5

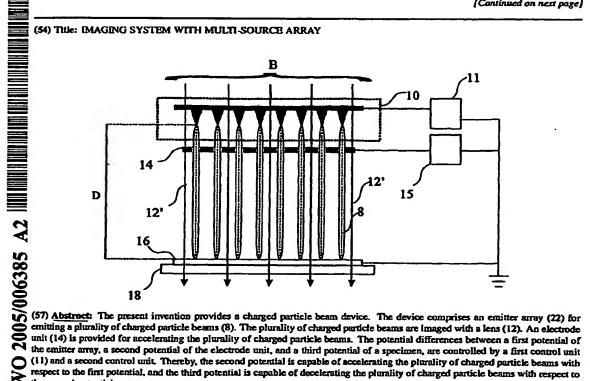
14 July 2003 (14.07.2003)

- (71) Applicant (for all designated States except US): ICT IN-TEGRATED CIRCUIT TESTING GESELLSCHAFT FÜR HALBLEITERPRÜFTECHNIK MBH [DE/DE]: Ammerthalstrasse 20a, 85551 Heimstetten (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): FEUERBAUM, Hans-Peter [DE/DE]; Arno-Assmann-Strasse 14, 81739 Munich (DE). FROSIEN, Juergen [DE/DE]; Kufsteinerstrasse 16a, 85521 Riemerling (DB). HOFFMANN,

UII (DB/DB); Porststrasse 39a, 85521 Riemerling (DB). WINKLER, Dieter [DE/DB]; Stademannstrasse 6, 81737 Munich (DB). ADAMEC, Pavel [CZ/DE]; Jagdfeldring 25, 85540 Haar (DE).

- (74) Agents: GINZEL, Christian et al.; Zimmermann & Partner, P.O. Box 330 920, 80069 Munich (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FL GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SB, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM).

[Continued on next page]



(11) and a second control unit. Thereby, the second potential is capable of accelerating the plurality of charged particle beams with respect to the first potential, and the third potential is capable of decelerating the plurality of charged particle beams with respect to the second potential.

BEST AVAILABLE COPY